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<b>(21) International Application Number:</b> PCT/CA99/00731 <b>(22) International Filing Date:</b> 11 August 1999 (11.08.99) <b>(30) Priority Data:</b> 60/096,650 14 August 1998 (14.08.98) US <b>(71) Applicant (for all designated States except US):</b> UNIVERSITY OF WATERLOO [CA/CA]; Waterloo, Ontario N2L 3G1 (CA). <b>(72) Inventors; and</b> <b>(75) Inventors/Applicants (for US only):</b> TZOGANAKIS, Costas [CA/CA]; 49 Rauch Court, Kitchener, Ontario N2N 3C8 (CA). MALZ, Hauke [DE/DE]; Schleslerstrasse 68, D-49356 Diepholz (DE). <b>(74) Agent:</b> STEWART, Michael, I.; Sim & McBurney, 6th floor, 330 University Avenue, Toronto, Ontario M5G 1R7 (CA).		<b>(81) Designated States:</b> CA, JP, US, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).  <b>Published</b> <i>With international search report.</i>
<b>(54) Title:</b> MELT PHASE HYDROSILYLATION OF POLYPROPYLENE  <b>(57) Abstract</b>  Branched copolymers of polypropylene (PP) and polysilanes are prepared by procedures involving melt phase hydrosilylation. Such branched copolymers may be formed <i>in situ</i> during the melt phase hydrosilylation or may be prepared by subsequent processing. The branched copolymers exhibit superior properties.		

